

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8	("6187178" "7344636" "6730222" "5531888" "4406789" "4865751" "5698099" "4451366").pn.	US-PGRUB; USPAT; USOCR	OR	ON	2008/12/29 16:05
S3	1873	210/512.1.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/12/30 08:27
S4	13	("3136724" "3891557" "4451366"   "4619771"   "5698099").PN. OR ("6730222").URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2008/12/30 10:09
S5	1	"5271850".pn.	US-PGRUB; USPAT; USOCR	OR	ON	2008/12/30 10:13
S6	25	S3 and (filter adj cartridge)	US-PGRUB; USPAT; USOCR	OR	ON	2008/12/30 10:38
S7	1	"7238281".pn.	US-PGRUB; USPAT; USOCR	OR	ON	2008/12/30 15:05
S8	19	("20040055950"   "20050056587"   "20050077248"   "2226968"   "3374894"   "3965013"   "5147556"   "5186836"   "5498331"   "5575909"   "5746911"   "5759415"   "6475381"   "6783683"   "6951619").PN. OR ("7238281").URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2008/12/30 15:05
S9	11	("3965013"   "4983294"   "4983295"   "5759415"   "6547962"   "6730222"   "6780310"   "6919033"   "6951619"   "7182874"   "7238281").PN. OR ("7422683").URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2008/12/30 15:10
S10	41	(US-20040211734-\$ or US-20040226868-\$ or US-20050056586-\$ or US-20060043010-\$ or US-20070012608-\$ or US-20070108122-\$ or US-20050056587-\$).did. or (US-4406789-\$ or US-4451366-\$ or US-4865751-\$ or US-5698099-\$ or US-6187178-\$ or US-6730222-\$ or US-2068140-\$ or US-2235998-\$ or US-2308670-\$ or US-2511967-\$ or US-2790554-\$ or US-2816658-\$ or US-2820620-\$ or US-3045628-\$ or US-3353340-\$ or US-4271019-\$ or US-4298465-\$ or US-4657671-\$ or US-4848991-\$ or US-4997549-\$ or US-5575909-\$ or US-5643470-\$ or US-6019825-\$ or US-6080305-\$ or US-6312594-\$ or US-6337017-\$).did. or (US-6398973-\$ or US-5271850-\$ or US-7025890-\$ or US-7182874-\$ or US-6951619-\$ or US-4983295-\$).did. or (US-1885735-\$ or US-2259029-\$).did.	US-PGRUB; USPAT; USOCR	OR	ON	2008/12/30 15:45
S11	10	S10 and (screen mesh)	US-PGRUB; USPAT; USOCR	OR	ON	2008/12/30 15:45
S12	9	("2308670").URPN.	USPAT	OR	ON	2009/05/26 07:59

S13	84	("20020139736"   "20030121846"   "20040055950"   "2308670"   "2650427"   "3385444"   "3399770"   "3642129"   "3741393"   "3862040"   "3951817"   "4127488"   "4162976"   "4253965"   "4319998"   "4328101"   "4363731"   "4400274"   "4422931"   "4517091"   "4551247"   "4608177"   "4747962"   "4983295"   "4985148"   "5116516"   "5133619"   "5216974"   "5232587"   "5298176"   "5322629"   "5372714"   "5403474"   "5405539"   "5413706"   "5433845"   "5498331"   "5505860"   "5520825"   "5531888"   "5543038"   "5575909"   "5725760"   "5746911"   "5746912"   "5753115"   "5759415"   "5788848"   "5814216"   "5849181"   "5858252"   "5928524"   "6062767"   "6068765"   "6077448"   "6086756"   "6120684"   "6183633"   "6190545"   "6241881"   "6264835"   "6315897"   "6315899"   "6337016"   "6350374"   "6371690"   "6428692"   "6432298"   "6478954"   "6511595"   "6524473"   "6547962"   "6581783"   "6641720"   "6676832"   "6705049"   "6730222"   "6783683"   "RE30793").PN. OR ("7296692"). URP.N.	US-PGFUB; USPAT; USOCR	OR	ON	2009/05/26 08:02
S14	5301	210/512.1,513,532.1,538,304,295.ccls.	US-PGFUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/05/26 08:08
S15	2930	210/512.1,512.2,513.ccls.	US-PGFUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/05/26 08:09
S16	1221	210/532.1.ccls.	US-PGFUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/05/26 08:09
S17	1287	210/304,295.ccls.	US-PGFUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/05/26 08:09
S18	542	210/538.ccls.	US-PGFUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/05/26 08:10
S19	15	("3136724"   "3891557"   "4451366"   "4619771"   "5698099").PN. OR ("6730222"). URP.N.	US-PGFUB; USPAT; USOCR	OR	ON	2009/05/26 08:10
S20	4	("4801377").PN. OR ("5698099").URPN.	US-PGFUB; USPAT; USOCR	OR	ON	2009/05/26 08:15

S21	11	("3965013"   "4983294"   "4983295"   "5759415"   "6547962"   "6730222"   "6780310"   "6919033"   "6951619"   "7182874"   "7238281").PN. OR ("7422683").URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2009/05/26 08:18
S22	5344	210/512.1,513,532.1,538,304,295.ccls.	US-PGRUB; USPAT; USOCR; FRPS; EPO; JPO; DERWENT	OR	ON	2009/11/20 14:30
S23	2952	210/512.1,512.2,513.ccls.	US-PGRUB; USPAT; USOCR; FRPS; EPO; JPO; DERWENT	OR	ON	2009/11/20 14:30
S24	1235	210/532.1.ccls.	US-PGRUB; USPAT; USOCR; FRPS; EPO; JPO; DERWENT	OR	ON	2009/11/20 14:30
S25	547	210/538.ccls.	US-PGRUB; USPAT; USOCR; FRPS; EPO; JPO; DERWENT	OR	ON	2009/11/20 14:30
S26	1423	(1 2 3) and (cone conical frustoconical)	US-PGRUB; USPAT; USOCR; FRPS; EPO; JPO; DERWENT	OR	ON	2009/11/20 14:32
S27	17	("2790554").PN. OR ("5575909").URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2009/11/20 15:28
S28	29	("1748541"   "20040055950"   "2846073"   "3856682"   "3965013"   "4219428"   "4684467"   "4747962"   "4985148"   "5437786"   "5549817"   "5575909"   "5702593"   "5707527"   "5759415"   "5954952"   "6068765"   "6096200"   "6120684"   "6171507"   "6241881"   "6350374"   "6379541"   "6406218").PN. OR ("6919033").URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2009/11/20 15:30
S29	16	("3136724"   "3891557"   "4451366"   "4619771"   "5698099").PN. OR ("6730222").URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2009/11/20 15:39
S30	2	("2007/0108122").URPN.	USPAT	OR	ON	2009/11/20 15:43
S31	27	("20040055950"   "20050056587"   "20050077248"   "20050109693"   "20070108122"   "2226968"   "3353676"   "3374894"   "3651944"   "3965013"   "4983294"   "5147556"   "5186836"   "5458769"   "5498331"   "5575909"   "5746911"   "5759415"   "6315897"   "6475381"   "6730222"   "6780310"   "6783683"   "6951619").PN. OR ("7527731").URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2009/11/20 15:47
S32	2061	210/305,313,519.ccls.	US-PGRUB; USPAT; USOCR	OR	ON	2009/11/20 15:57
S33	1284	S22 and (cone conical frustoconical)	US-PGRUB; USPAT; USOCR	OR	ON	2009/11/20 15:57

S34	2061	210/305,313,519.ccls.	US-PGRUB; USPAT; USOCR	OR	ON	2009/11/24 13:29
S35	57	S34 and (cyclone hydrodynamic)	US-PGRUB; USPAT; USOCR	OR	ON	2009/11/24 13:30
S36	20	("20040055950"   "20050056587"   "20050077248"   "2226968"   "3374894"   "3965013"   "5147556"   "5186836"   "5498331"   "5575909"   "5746911"   "5759415"   "6475381"   "6783683"   "6951619").PN. OR ("7238281").URPN.	US-PGRUB; USPAT; USOCR	OR	ON	2009/11/24 13:33
S37	299	95/271.ccls.	US-PGRUB; USPAT; USOCR	OR	ON	2009/11/24 13:36
S38	2062	55/459.1,460,452.ccls.	US-PGRUB; USPAT; USOCR	OR	ON	2009/11/24 13:54
S39	895	S38 and (cyclone hydrodynamic)	US-PGRUB; USPAT; USOCR	OR	ON	2009/11/24 13:54
S40	579	S39 and (cone conical frustoconical)	US-PGRUB; USPAT; USOCR	OR	ON	2009/11/24 13:54
S42	2216	210/170.03,519,521.ccls.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/24 14:49
S43	96	S42 and (hydrodynamic cyclone)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/24 14:49
S45	248	b01d21/00.ipc. b01d24/48.ipc. b01d29/60.ipc. b01d33/70.ipc. b01d43/00.ipc. b01d21/26.ipc. b01d33/15.ipc. b01d33/27.ipc.	FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/24 16:13
S51	1	"4451366".pn.	US-PGRUB; USPAT; USOCR	OR	ON	2009/11/24 17:25

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S52	3173	210/512.1,513,532.1,538,304,295.ccls.	USPAT; UPAD	OR	ON	2009/11/24 16:28
S53	780	S52 and (cone conical frustoconical)	USPAT; UPAD	OR	ON	2009/11/24 16:29
S54	298	S53 and (hydrodynamic cyclone)	USPAT; UPAD	OR	ON	2009/11/24 16:29

11/30/2009 1:56:41 PM

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